

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/002958

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7 H04B 7/26**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 H04B 7/26, H04B 7/005

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
KR : IPC as aboveElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
KIPASS, DELPHION, ESPACENET & Keywords : enhanced, dedicate, channel, pilot, boost, power, control and similar terms

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/0036403 A1 ( DA-SHAN SHIU ET AL. ) 20 February 2003 * the whole document *	1 - 9
A	EP 1089455 A2 ( LUCENT TECHNOLOGIES INC. ) 4 April 2001 * the whole document *	1 - 9

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

18 MARCH 2005 (18.03.2005)

Date of mailing of the international search report

**21 MARCH 2005 (21.03.2005)**

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR2004/002958

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003036403 A1	20-02-2003	EP 1419590 A2	19-05-2004
		JP 2005500735T T	06-01-2005
		WO 03017527 A2	27-02-2003
		WO 03017527 A3	06-11-2003
EP 1089455 A2	04-04-2001	AU 6122900 A	05-04-2001
		BR 0004356 A	02-05-2001
		CA 2318722 A1	30-03-2001
		CA 2318722 C	02-03-2004
		CN 1291012 A	11-04-2001
		DE 60017661D D1	03-03-2005
		EP 1089455 A3	05-03-2003
		EP 1089455 B1	26-01-2005
		JP 2001136122 A	18-05-2001
		US 6542718 B1	01-04-2003